TO:Auto-reply fax

202 293 6229 COMPANY:



Auto-Reply Facsimile Transmission

RECEIVED TO 122003

UNITED STATES
PATENT AND
TRADEMARK OFFICE

TO:

Fax Sender at 202 293 6229

Fax Information

Date Received: Total Pages:

11/29/02 3:09:26 PM [Eastern Standard Time]

3 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received Cover Page ======>

-29- 2002	15:04	C01/10LLY	BOVE	LODGE

02 293 6229 P.01/03

I hereby certify that this correspondence, along with any other paper or fee referred to in this paper as being transmitted from the United States Patent and Trademark Office on November 29, 2002.

8HUTZ

Docket No.: 21776-00044-US (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Takahisa Nitta, et al.

NOV

Application No.: 09/436,637

Group Art Unit: 6921

Filed: November 9, 1999

Examiner: C. Cooley

For: CHEMICAL SUPPLY SYSTEM

SUPPLEMENTAL AMENDMENT

Box Non-Fee Amendment Commissioner for Patents Washington, DC 20231

VIA FACSIMILE (703) 872,9310

Dear Sir:

In response to the Office Action dated June 5, 2002 (Paper No. 10), please amend the above-identified U.S. patent application as follows:

IN THE CLAIMS:

Kindly amend claim 6 as follows:

6. (Amended) The chemical supply system of claim 2, wherein said shaker is controlled such that the absolute value of a negative pressure at the time of sucking said liquid chemical in one period of oscillation is as small as possible and suction time is longer than discharge time when said shaker oscillates and drives said movable wall.



(202) 331-7111

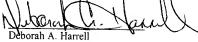
AFX

Docket No. AMENDMENT TRANSMITTAL LETTER 21776-00044-US Application No. Filing Date Examiner Art Unit 09/436,637-Conf. #6921 November 9, 1999 C. Cooley 1723 Applicant(s): Takahisa Nitta, et al RECEIVED MAR 1 2 2003 TC 1700 Invention: CHEMICAL SUPPLY SYSTEM TO THE COMMISSIONER FOR PATENTS Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. CLAIMS AS AMENDED Claims Highest Remaining Number Number After Previously Extra Claims Amendment Paid Present Rate **Total Claims** 63 62 1 18.00 Х 18.00 Independent 9 1 Х 84.00 84.00 Claims Multiple Dependent Claims (check if applicable) Other fee (please specify): TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: 102.00 x | Large Entity Small Entity No additional fee is required for this amendment. x Please charge Deposit Account No. 22-0185 in the amount of \$ 102.00 A duplicate copy of this sheet is enclosed. A check in the amount of \$ _____ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Commissioner is hereby authorized to charge and credit Deposit Account No. __22-0185 as described below. A duplicate copy of this sheet is enclosed. x Credit any overpayment. Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. Dated: March 10, 2003 Brian J. Hairston Attorney Reg. No.: 46,750 CONNOLLY BOVE LODGE & HUTZ LLP 1990 M Street, N.W., Suite 800 Washington, DC 20036-3425

I hereby certify that this correspondence, along with any other paper or fee referred to in this paper as being trans

herewith, is being facsimile transmitted to the United States Patent and Trademark Office on November 29, 2002.





Docket No.: 21776-0004

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Takahisa Nitta, et al.

Application No.: 09/436,637

Filed: November 9, 1999

For: CHEMICAL SUPPLY SYSTEM

Group Art Unit: 6921

Examiner: C. Cooley

SUPPLEMENTAL AMENDMENT

Box Non-Fee Amendment Commissioner for Patents Washington, DC 20231

(703) 872,9310

Dear Sir:

In response to the Office Action dated June 5, 2002 (Paper No. 10), please amend the above-identified U.S. patent application as follows:

IN THE CLAIMS:

Kindly amend claim 6 as follows:

(Amended) The chemical supply system of claim 2, wherein said shaker is controlled 6. such that the absolute value of a negative pressure at the time of sucking said liquid chemical in one period of oscillation is as small as possible and suction time is longer than discharge time when said shaker oscillates and drives said movable wall.

